

Claims

What is claimed is:

5 1. An impact- resistant inflatable reusable two zoned packing pad for
protecting articles during shipping from shock and damage, said
packing pad comprising first and second outer film layers, said first
and second film layers being secured together along an outer
perimeter thereof to define an inner volume within said pad and,
10 said first and said second film layers within said inner volume in a
location selected to form at least two separate zones within said
inner pad volume, said pad further comprising at least one
entry/exit portal tube passageway for each separate zone within
said pad, said pad further comprising said entry/exit portal tube
passageway for each separate zone configured and adapted to
permit repeated independent inflation and deflation of each said
zone.

15 2. The system of claim 1, wherein each said zone is comprised of a
plurality of inflatable chambers configured and adapted to
redistribute an inflation gas contained therein from one or more
chambers compressed by an external impact to at least one
contiguous chamber which is not impacted.

20 3. The system of claim 2 , wherein said chambers maximize available
pad surface area and are substantially conical in shape.

25 4. An impact- resistant inflatable reusable four zoned packing pad for
protecting articles during shipping from shock and damage, said
packing pad comprising first and second outer film layers with a
complete central film layer, said first and second film layers being
secured to the central film layer along an outer perimeter thereof to

Reusable Inflatable Zone Packing Pad
Russo

define an inner volume within said pad and , said first and said second film layers within said inner volume in a location selected to form at least four separate zones within said inner pad volume, said pad further comprising at least one entry/exit portal tube passageway for each separate zone within said pad, said pad further comprising said entry/exit portal tube passageway for each separate zone configured and adapted to permit repeated independent inflation and deflation of each said zone.

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